

ABSTRACT OF THE DISCLOSURE

In an image forming apparatus including an electron-source substrate having a plurality of cold-cathode electron emitting elements, each
5 having an electron emitting portion and a pair of element electrodes, an acceleration electrode for applying an acceleration voltage operating on electrons emitted from the electron emitting elements, disposed so as to face the electron emitting elements, a spacer disposed between the electron-source substrate and the acceleration electrode, a wiring portion
10 formed on the electron-source substrate for driving the electron emitting elements, these components being accommodated within an envelope, an electron-trajectory correcting electrode for correcting beam deviation due to charging of the spacer is provided near an electron emitting element near the
15 spacer.

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